



Re: Uses cases for extending the CIM to support gas operations 📎

Charles Jacquemart to: Saxton, Terry

2013-06-06 09:43

Cc: "Englert, Heiko HE (IC SG EA PRO D 5)", Thierry LEFEBVRE

Bcc: Charles Jacquemart

Dear Terry,

Thank you for your message.

From IEC perspective there is only one other international standards organization of interest in this discussion, namely ISO.

I reviewed the list of ISO TCs and believe that a possible ISO TC of interest would be ISO TC 184, Automation systems and integration, or one of its subcommittees (SC 4 or SC 5).

The scope of ISO TC 184 is available from the following link:

http://www.iso.org/iso/home/standards_development/list_of_iso_technical_committees/iso_technical_committee.htm?commid=54110

Certain standards of ISO TC 184 SC 4 deal with oil and gas production facilities, namely the ISO 15926 series.

You may review the list of ISO TCs yourself and once you have identified an ISO TC of interest (ISO TC 184 or any other ISO TC) you are free to approach the TC officers and explain your initiative. Please copy me in this correspondence. The list of ISO TCs is available from the following link:

http://www.iso.org/iso/home/standards_development/list_of_iso_technical_committees.htm

I hope that my comments will be useful to you.

Yours sincerely,

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"Saxton, Terry" Hello Thierry, Heiko, Any update on my request... 2013-06-05 16:13:38

From: "Saxton, Terry" <tsaxton@xtensible.net>
To: Thierry LEFEBVRE <thierry.lefebvre@edf.fr>, "Englert, Heiko HE (IC SG EA PRO D 5)" <heiko.englert@siemens.com>,
Cc: "cj@iec.ch" <cj@iec.ch>
Date: 2013-06-05 16:13
Subject: Uses cases for extending the CIM to support gas operations

Hello Thierry, Heiko,

Any update on my request for guidance on how to proceed to apply the CIM UML model and methodology to gas operations?

Thanks,
Terry

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I have attached some use cases for extending the CIM model to support gas operations. Specifically, in the Netherlands power and gas silos are rapidly disappearing. Utilities would like to use the same model for both power and gas (and maybe water as well) and are looking at making private extensions to the CIM UML for this purpose, but would prefer that these extensions become an international standard.

In the use-case of construction and maintenance of underground infrastructures, the aim is to combine work on all (or nearly all) infrastructures to avoid inefficiencies and nuisance for residents. Other business processes are by now also largely integrated (asset management, GIS, operations, customer contacts, etc.). Other considerations are that if we create an information model for gas, it would show a near CIM-identical geographical location, addresses, diagrams, connectivity, currency, engineering units, market, etc. There a quite a few non-electric models (packages) in the CIM.

The attached use cases elaborate more on three relevant use cases.

REQUEST

WG13 is requesting that TC57 management review these use cases and then recommend which other Standards Development Organization(s) (e.g., ISO) would be appropriate to explore a collaboration with to apply the CIM UML model and methodology to gas operations. We are looking for guidance on how to proceed.

Thanks, and best regards,
Terry Saxton
Convener, WG13

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[attachment "Use Cases for TC57WG13 CIM Extension for Gas.docx" deleted by Charles Jacquemart/CO/IEC]